

PATENT

Docket No. PD-980179A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Cellier

January 7, 2002

Serial No: 09/885,021

Group Art Unit: 3661

Filed: June 20, 2001

Examiner: J. Louis-Jacques

Title: OVERHEAD SYSTEM OF INCLINED ECCENTRIC
GEOSYNCHRONOUS ORBITING SATELLITESAMENDMENTAssistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the office action dated October 23, 2001, please consider the following amendments and remarks.

IN THE CLAIMS:

B1 Claim 1 (Amended) A system as recited in claim 1 wherein said orbit has an eccentricity factor between about 0.1 and 0.5.

B2 Claim 10 (New) A satellite system above a landmass comprising:
a service area on a surface of the earth having a predetermined minimum elevation angle from the horizon;

a first satellite having an eccentric, substantially 24-hour period geosynchronous orbit with respect to the earth, and having skytrack when viewed from

01/09/2002 DBATE within said service area, said orbit comprised of a plurality of points through which the
01 FC:102 satellite passes and being inclined relative to an equatorial plane of the earth;

- 1 -
(09/885,021)